

Dimension Stone Mining and Quarrying: 2002

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2002 Economic Census

Mining

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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Table 1. **Historical Statistics for the Industry: 2002 and 1997**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year	Companies ¹	All establishments ²	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)	
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)					
212311, Dimension stone mining and quarrying	2002 .. 1997 ..	164 157	177 178	2 675 1 658	75 309 38 213	2 159 1 410	3 898 2 468	58 283 30 737	249 375 98 882	68 496 36 280	259 957 125 606	19 194 9 556

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States and Offshore Areas: 2002

[Offshore areas refer to those areas not associated with a state. States that are disclosures or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
		Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212311, Dimension stone mining and quarrying												
United States	2	177	38	2 675	75 309	2 159	3 898	58 283	249 375	68 496	259 957	19 194
Arizona	1	8	3	250	5 227	200	367	4 350	13 347	4 612	16 074	574
California	1	11	3	165	6 967	148	307	6 451	34 131	5 734	36 524	572
New York	2	7	3	159	4 310	136	245	2 940	13 114	2 801	12 855	1 438
North Carolina	—	5	2	106	2 227	91	132	1 683	10 453	2 849	9 143	1 587
Pennsylvania	4	19	2	135	4 078	116	211	3 316	13 273	4 009	12 207	872
Texas	3	18	5	261	6 118	224	434	5 046	16 160	4 043	18 505	801
Wisconsin	2	7	3	292	9 790	204	396	6 073	18 540	7 943	22 114	1 667

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
212311, Dimension stone mining and quarrying	
Companies ¹	number.. 164
All establishments ²	number.. 177
Establishments with 0 to 19 employees	number.. 139
Establishments with 20 to 99 employees	number.. 36
Establishments with 100 employees or more	number.. 2
All employees for pay period including March 12	number.. 2 675
Total compensation	\$1,000.. 92 275
Annual payroll	\$1,000.. 75 309
Annual fringe benefits not included in payroll	\$1,000.. 16 966
Production, development, and exploration workers for pay period including March 12	number.. 2 159
Production, development, and exploration worker annual hours	1,000.. 3 898
Production, development, and exploration worker annual wages	\$1,000.. 58 283
Total cost of supplies	\$1,000.. 68 496
Supplies used, minerals received, and purchased machinery installed	\$1,000.. 40 740
Resales	\$1,000.. D
Purchased fuels consumed	\$1,000.. 6 347
Purchased electricity	\$1,000.. 8 591
Contract work	\$1,000.. D
Quantity of electricity purchased	1,000 kWh.. 150 868
Quantity of electricity generated less sold	1,000 kWh.. D
Total other expenses	\$1,000.. 38 033
Response coverage ratio ³	percent.. 59
Communications services	\$1,000.. 647
Legal services	\$1,000.. 433
Accounting, auditing, and bookkeeping services	\$1,000.. 477
Advertising and promotional services	\$1,000.. 934
All other expenses (not included above)	\$1,000.. 35 542
Total value of shipments and receipts for services	\$1,000.. 259 957
Primary products value of shipments	\$1,000.. 235 531
Secondary products value of shipments and receipts for services	\$1,000.. D
Value of resales	\$1,000.. D
Value of primary products shipments or services produced in all industries	\$1,000.. 282 796
Value of primary products shipments or services produced in this industry	\$1,000.. 235 531
Value of primary products shipments or services produced in other industries	\$1,000.. 47 265
Value added	\$1,000.. 249 375
Total inventories, end of 2001	\$1,000.. 33 008
Mineral products, crude petroleum, and natural gas liquids inventories	\$1,000.. 26 045
Supplies, parts, fuels, etc., inventories	\$1,000.. 6 963
Total inventories, end of 2002	\$1,000.. 34 721
Mineral products, crude petroleum, and natural gas liquids inventories	\$1,000.. 29 383
Supplies, parts, fuels, etc., inventories	\$1,000.. 5 338
Gross book value of depreciable/depletable assets at beginning of year	\$1,000.. 177 424
Capital expenditures (except land and mineral rights)	\$1,000.. 19 194
Capital expenditures for buildings, structures, machinery, and equipment (new and used)	\$1,000.. 19 004
Capital expenditures for mineral exploration and development	\$1,000.. 190
Capital expenditures for mineral land and rights	\$1,000.. 217
Deductions from depreciable/depletable assets during year	\$1,000.. 3 927
Gross book value of depreciable/depletable assets at end of year	\$1,000.. 192 908
Total depreciation/depletion charges during year	\$1,000.. 14 740
Total rental payments during year	\$1,000.. 13 845
Buildings and other structures	\$1,000.. 2 103
Machinery and equipment	\$1,000.. 11 742
Lease rents	\$1,000.. 1 305
Expensed mineral exploration, development, land, and rights	\$1,000.. 487

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212311, Dimension stone mining and quarrying											
All establishments	2	177	2 675	75 309	2 159	3 898	58 283	249 375	68 496	259 957	19 194
Establishments with —											
0 to 4 employees	6	61	c	D	D	D	D	D	D	D	D
5 to 9 employees	4	34	230	6 708	200	368	5 628	24 796	6 512	23 461	1 449
10 to 19 employees	3	44	581	17 186	467	824	13 346	67 063	19 024	62 765	4 456
20 to 49 employees	1	27	832	22 974	709	1 231	18 555	85 293	18 534	90 119	6 447
50 to 99 employees	2	9	578	16 451	432	849	12 294	44 180	13 250	52 538	4 892
100 to 249 employees	—	2	e	D	D	D	D	D	D	D	D
250 to 499 employees	—	—	—	—	—	—	—	—	—	—	—
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ³	9	35	89	2 361	76	133	1 750	10 931	2 397	7 359	536

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Type of Operation: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and type of operation	All establishments ¹		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
212311, Dimension stone mining and quarrying									
All establishments	177	38	2 675	75 309	2 159	3 898	58 283	249 375	259 957
Producing establishments	176	37	h	D	D	D	D	249 375	259 957
Mines or wells only	143	22	g	D	D	D	D	D	D
Underground mines	—	—	—	—	—	—	—	—	—
Open-pit mines	142	22	1 626	43 764	1 329	2 300	34 723	156 050	152 555
Combination mines, well operations, or other types of mines	1	—	a	D	D	D	D	D	D
Mines with preparation plants	33	15	1 005	29 771	794	1 541	22 240	88 038	100 620
Underground mines	—	—	—	—	—	—	—	—	—
Open-pit mines	33	15	1 005	29 771	794	1 541	22 240	88 038	100 620
Combination mines or other types of mines	—	—	—	—	—	—	—	—	—
Separately operated preparation plants	—	—	—	—	—	—	—	—	—
Undistributed ²	—	—	—	—	—	—	—	—	—
Nonproducing establishments	1	1	b	D	D	D	D	—	—

¹Includes establishments with payroll at any time during the year.

²Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products or Services Statistics: 2002 and 1997

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services	
			Quantity	Value (\$1,000)
212311	Dimension stone mining and quarrying	2002.. X 1997.. X	X X	282 796 137 388
2123110	Dimension stone	2002.. X 1997.. X	X X	282 796 137 388
21231101	Rough dimension limestone	2002.. X 1997.. X	X X	66 038 32 280
2123110111	Rough dimension limestone	2002.. S 1997.. S	S S	66 038 32 280
21231102	Rough dimension granite	2002.. X 1997.. X	X X	69 301 56 567
2123110221	Rough dimension granite	2002.. S 1997.. S	S S	69 301 56 567
21231103	Other rough dimension stone (slate, marble, trap rock, sandstone, and miscellaneous stone)	2002.. X 1997.. X	X X	84 408 30 837
2123110391	Other rough dimension stone (slate, marble, trap rock, sandstone, and miscellaneous stone)	2002.. S 1997.. S	S S	84 408 30 837
2123110Y	Dimension stone, nsk	2002.. X 1997.. X	X X	63 049 17 704
2123110YWT	Dimension stone, nsk	2002.. X 1997.. X	X X	63 049 17 704

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Product or service class code	Product or service class and geographic area	Value of product shipments or receipts for services (\$1,000)
2123110	Dimension stone	
	United States..... 2002..	282 796
	..... 1997..	137 388
	Arizona..... 2002..	15 422
	..... 1997..	N
	California..... 2002..	37 370
	..... 1997..	N
	Georgia..... 2002..	13 672
	..... 1997..	N
	New York..... 2002..	12 631
	..... 1997..	N
	North Carolina..... 2002..	7 786
	..... 1997..	N
	Pennsylvania..... 2002..	12 930
	..... 1997..	N
	Texas..... 2002..	21 569
	..... 1997..	N
	Vermont..... 2002..	11 356
	..... 1997..	N
	Wisconsin..... 2002..	20 446
	..... 1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
212311	Dimension stone mining and quarrying		
	Supplies consumed by type		
21231100	Rough blocks, used to produce dressed stone 1,000 s tons . . 2002 . .	S	11 292
	1997 . .	6.0	209
21231005	Broken stone, received for preparation (crushing, screening, washing, etc.) mil s tons . . 2002 . .	D	D
	1997 . .	—	—
21232001	Sand and gravel, received for preparation mil s tons . . 2002 . .	D	D
	1997 . .	—	—
33300007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation 2002 . .	X	4 372
	1997 . .	X	2 925
33300009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment 2002 . .	X	2 490
	1997 . .	X	676
32592003	Explosive materials, excluding ammonium nitrate 2002 . .	X	2 027
	1997 . .	X	259
32592005	Ammonium nitrate 2002 . .	X	D
	1997 . .	X	—
32592007	Blasting accessories 2002 . .	X	D
	1997 . .	X	39
32600007	Rubber and plastics products, including tires and tubes 2002 . .	X	512
	1997 . .	X	162
33120059	Steel shapes and forms (excluding castings and forgings) 2002 . .	X	448
	1997 . .	X	36
00970098	All other supplies 2002 . .	X	3 384
	1997 . .	X	3 477
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used 2002 . .	X	15 677
	1997 . .	X	11 163
	Fuels consumed by type		
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel 1,000 bbl . . 2002 . .	S	1 572
	1997 . .	27.5	972
32411019	Residual (heavy) grade numbers 5 and 6 and heavy diesel fuel used as a fuel 1,000 bbl . . 2002 . .	S	429
	1997 . .	6.0	176
21111015	Gas (natural, manufactured, and mixed) used as a fuel bil cu ft . . 2002 . .	D	D
	1997 . .	Z	16
32411015	Gasoline used as a fuel mil gal . . 2002 . .	P1.0	1 213
	1997 . .	.3	352
00960018	Other fuels (liquefied petroleum gas, coke, wood, etc.) 2002 . .	X	D
	1997 . .	X	32
00974000	Undistributed fuels 2002 . .	X	2 853
	1997 . .	X	2 207

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.